

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Antonio ZAPO et al.

Application No.: **Not Yet Assigned**

Filed: **December 17, 2004**

National Stage of International Application No.
PCT/EP2002/007107 under 35 U.S.C. 371, for
POLYIMIDE OPTICAL WAVEGUIDES AND
METHOD FOR THE PREPARATION
THEREOF

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) **Group Art Unit: Not Yet Assigned**
)
) **Examiner: Not Yet Assigned**
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MAIL STOP PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§1.56 and 1.97(b), applicants bring to the Examiner's attention the documents listed on attached Form PTO-SB-08 and cited in the international search report. With exception of the U.S. patents, copies of the listed documents are attached. Applicants respectfully request that the Examiner consider the documents listed on attached Form PTO-SB-08 and indicate that they were considered by making an appropriate notation on this form. This Information Disclosure Statement is being filed with the above-referenced application.

Also enclosed is an English-language international search report from the European Patent Office in the PCT international application, from which this national phase U.S. application is derived.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: December 17, 2004

By: 
Ernest F. Chapman
Reg. No. 25,961

Enclosures
EFC/FPD/sci

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|---|---|----|---|--------------------------|---------------------|
| IDS Form PTO/SB/08: Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | | | Application Number | Not Yet Assigned |
| | | | | Filing Date | December 17, 2004 |
| | | | | First Named Inventor | Antonio ZAPO et al. |
| | | | | Art Unit | Not Yet Assigned |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 1 | of | 1 | Attorney Docket Number | 05788.0337 |

| U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS | | | | | |
|---|-----------------------|--|---|---|---|
| Examiner Initials | Cite No. ¹ | Document Number | Issue or Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| | | US-5,598,501 | 01-28-1997 | MARUO et al. | |
| | | US-5,572,619 | 11-05-1996 | MARUO et al. | |
| | | US-5,609,797 | 03-11-1997 | CHAKRAVORTY | |
| | | US- | | | |
| | | US- | | | |
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Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|--------------------------------|---|---|--------------------------|
| Examiner Initials | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Translation ⁶ |
| | | Country Code ³ Number ⁴ Kind Code ⁵ (if known) | | | | |
| | | GB 2 053 941 A | 02-11-1981 | SAMUDRALA et al. | | |
| | | EP 0 720 030 A1 | 07-03-1996 | OKANIWA | | |
| | | EP 0 454 590 A2 | 10-30-1991 | MATSUURA et al. | | |
| | | WO 94/14874 | 07-07-1994 | BEUHLER et al. | | |
| | | WO 93/07538 | 04-15-1993 | NGO et al. | | |
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| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|--------------------------|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | Translation ⁶ |
| | | LIN, A. A. et al., "On the Cross-Linking Mechanism of Benzophenone-Containing Polyimides", <i>Macromolecules</i> , Vol. 21, No. 4, pp. 1165-1169, (1988). | |
| | | JEONG, J. W. et al., "Photodefinable Polyimide as an Effective New Material for Passive Photonic Devices", <i>Journal of the Korean Physical Society</i> , Vol. 39, No. 2, pp. 250-254, (August 2001). | |
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|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.